

CLAIMS

1 1. A method for simulating application workload on an e-business application server
2 hosting a plurality of e-business application programs, comprising:
3 forwarding a placebo transaction work request to the e-business application
4 server;
5 translating said forwarded placebo transaction work request into a computer
6 program operation to be performed in the e-business application server; and
7 executing said computer program operation in the e-business application server.

1 2. The method according to claim 1, wherein said translating step further
2 comprises:
3 determining a workload based on said forwarded placebo transaction work
4 request; and
5 determining based on said determined workload, said computer program
6 operation to be performed for said workload.

1 3. The method according to claim 1, wherein said forwarding step further comprises
2 sending a user identification (UID), a user priority and a workload identification (WLID)
3 to a workload driver in the e-business application server.

1 4. The method according to claim 3, further comprising encapsulating said user

2 identification (UID), said user priority and said workload identification (WLID) in a HTTP
3 header prior to said forwarding step.

1 5. The method according to claim 3, further comprising encapsulating said user
2 identification (UID), said priority and said workload identification (WLID) in a URL string
3 prior to said forwarding step.

1 6. The method according to claim 1, wherein said forwarding step further comprises
2 sending said UID, said user priority and said WLID from a user driver to said workload
3 driver.

1 7. The method according to claim 1, further comprising:
2 receiving said forwarded placebo transaction work request by a workload driver;
3 and
4 applying a load for said placebo transaction work request resulting from said
5 executing step to said e-business application server.

1 8. The method according to claim 8, further comprising instantiating said workload
2 driver by the application server.

1 9. A system for application workload simulation on an e-business application server
2 hosting a plurality of e-business application programs, the system comprising:

3 a user driver for generating placebo transaction work requests;
4 a configuration file comprising computer program commands associated with
5 said transaction work requests; and
6 a workload driver for determining based on configuration information in said
7 configuration file, which of said computer program commands will be executed for said
8 placebo transaction work requests by said user driver.

1 10. The system according to claim 9, wherein said workload driver is a servlet
2 instantiated by the application server.

1 11. The system according to claim 10, wherein each of the placebo transaction work
2 requests generated by said user driver comprises a user identification (UID), a priority
3 and a workload identification (WLID).

1 12. The system according to claim 11, further comprising command classes having
2 varying load processing requirements.

1 13. The system according to 9, further comprising a URL string having encapsulated
2 therein, a UID, a priority and a WLID, said URL string for communicating said placebo
3 transaction work requests from said user driver to said workload driver.

1 14. The system according to 9, further comprising a HTTP header having

encapsulated therein, a UID, a priority and a WLID, said HTTP header for communicating said placebo transaction work requests from said user driver to said workload driver.

15. A machine readable storage having stored thereon, a computer program having a plurality of code sections, said code sections executable by a machine for causing the machine to perform the steps of:

forwarding a placebo transaction work request to the e-business application server, said forwarding step for simulating application workload on an e-business application server hosting a plurality of e-business application programs;

translating said forwarded placebo transaction work request into a computer program operation to be performed in the e-business application server; and

executing said computer program operation in the e-business application server.

16. The machine readable storage according to claim 15, wherein said translating step further comprises:

determining a workload based on said forwarded placebo transaction work request; and

determining based on said determined workload, said computer program operation to be performed for said workload.

17. The machine readable storage according to claim 16, wherein said forwarding

step further comprises sending a user identification (UID), a user priority and a workload identification (WLID) to a workload driver in the e-business application server.

18. The machine readable storage according to claim 17, further comprising encapsulating said user identification (UID), said user priority and said workload identification (WLID) in a HTTP header prior to said forwarding step.

19. The machine readable storage according to claim 17, further comprising encapsulating said user identification (UID), said priority and said workload identification (WLID) in a URL string prior to said forwarding step.

20. The machine readable storage according to claim 15, wherein said forwarding step further comprises sending said UID, said user priority and said WLID from a user driver to said workload driver.

21. The machine readable storage according to claim 15, further comprising:
receiving said forwarded placebo transaction work request by a workload driver;
and
applying a load for said placebo transaction work request resulting from said executing step to said e-business application server..

22. The machine readable storage according to claim 21, further comprising

2 instantiating said workload driver by said application server.